



## CITY OF SUGAR LAND

Engineering Department

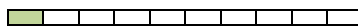
**CIP Project Number:** SW0804

**Title:** Non-Potable Water Opportunities (SH6/90A)

**Project Phase:** Design

**% of Phase Completion**

**PER**



**Cost for this Phase:** \$ 175,000

**Funding Sources:** System Revenues

**Project Manager:** Shashi Kumar

**Contractor:** TBD

**Consultant:**

**Project Description:** Funding for the continued evaluation of non-potable water systems, including a potential effluent reuse project at the North WWTP, opportunities to irrigate Highway 6, US59, Avalon and Tract 5 lakes with non-potable water from surface water or effluent sources, and other potential non-potable projects that would serve to reduce and supplement the cost of conversion to surface water.

**Justification:** The use of non-potable water will provide the City with subsidence district credits that will decrease costs of the City's GRP by downsizing or delaying future infrastructure or by offset costs through marketing the credits. These credits represent an avoidance of costs outweighing the investment in infrastructure and provide for more efficient use of water by serving non-potable needs with non-potable water instead of treated potable water.

**Updates:** December 2009-

Project scoping to award PER contract is underway. This project scope and schedule is being dictated by other water rights related issues and ongoing projects.